



Catherine E. Heigel, Director

*Promoting and protecting the health of the public and the environment*

CERTIFIED MAIL

August 7, 2015

Ms. Jeannine Siembida  
Mill Manager  
International Paper Georgetown Mill  
700 South Kaminski St.  
Georgetown, SC 29440

RE: **Draft Permit**  
International Paper Georgetown Class 2 Landfill Expansion  
Permit # 222435-1601  
Georgetown County

Dear Ms. Siembida:

The Department has completed the review of your submittal dated September 26, 2013. Enclosed is a draft permit for the proposed Class 2 Landfill expansion.

The Public Notice of the draft permit will be published in the Friday, August 7, 2015 edition of the "Georgetown Times" newspaper. If you have any comments regarding the permit conditions, please respond by September 8, 2015. If no comments are received, the permit may be issued as written.

If you have any questions, please contact John Schnabel, P. E. at (803) 898-1363.

Sincerely,

Joan F. Litton, Manager  
Solid Waste Permitting Section  
Division of Mining and Solid Waste Management  
Bureau of Land and Waste Management

JFL/JJS/jjs

cc: Tom Knight, P.G. Manager, BLWM  
Marty Lindler, Manager, BLWM  
Jay Cox, Pee Dee Region, Myrtle Beach Office  
BLWM file # 20219



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OFFICE OF ENVIRONMENTAL QUALITY CONTROL  
BUREAU OF LAND AND WASTE MANAGEMENT  
INTERNATIONAL PAPER GEORGETOWN CLASS 2 LANDFILL  
PERMIT # 222435-1601

Date of Original Issuance: July 21, 1983 (as IWP-190)

Date of Modification: XXXXXXXXXX

Permission is hereby granted to:

Name of Facility: International Paper Georgetown Mill Class 2 Landfill  
Permittee: International Paper Company  
Mailing Address: 700 South Kaminski St.  
Georgetown, SC 29440  
Contact Person: Ms. Jeannine Siembida  
Telephone: (803) 546-6111, Bxt. 699

for the operation of a Class 2 landfill located west of the manufacturing facility on International Paper property at 700 South Kaminski St. in Georgetown, SC. The approved permitted footprint is 34.3 acres and has a disposal capacity of 200,000 tons per year.

This permit is modified pursuant to S.C. Code Ann. Sections 44-96-10 et seq. and 25A S.C. Code Regs. 61-107.19. The authority granted below is subject to the requirements of the previously mentioned law and regulations and the attached conditions.

Kent M. Coleman, Director

Division of Mining and Solid Waste Management  
Bureau of Land & Waste Management

International Paper Georgetown Mill Class 2 Landfill  
Permit # 222435-1601

A. SPECIAL CONDITIONS

1. The Permittee shall adhere to the approved design plans, specifications and operational plan for the existing landfill dated July 21, 1983, October 1996 and lateral expansion landfill dated September 26, 2013 unless permit conditions state otherwise.
2. This permit is limited to the disposal of Purafil-Chemsobent II Media, Purakol Activated Carbon, waste water treatment sludge, boiler ash, slaker grits, green liquor dregs, rubber, metal, glass, lime mud, flume grit, air dryer desiccant and materials listed in regulation R.61-107.19, Appendix I, generated on plant property that meets the Class 2 waste criteria.
3. The disposal of asbestos waste that is generated on plant property shall be completely covered within 24 hours with a minimum of six (6) inches of non-asbestos material. All other waste shall be covered with a minimum of six (6) inches of flume grit, slaker grits, green liquor dregs and/or boiler ash (mainly sand) at least once every ninety (90) days, or if conditions warrant, the Department may require additional cover at a closer interval.
4. The Permittee's yearly rate of disposal for this landfill is limited to two hundred thousand (200,000) tons per fiscal year (July 1 - June 30). Information concerning the rate of disposal must be included in the annual report, due by October 15, as required by R.61-107.19, Part IV, Section C.16.
5. The total surface area within the permitted waste disposal footprint that has not been deemed closed by the Department is 18.3 acres for the existing landfill and is 9.2 acres for the lateral expansion landfill.
6. No later than July 1 of each year, this facility shall verify the acreage of the landfill footprint, denoting the acres capped and certified as closed by the Department, the acres capped but not yet certified as closed, the acres constructed and active, the acres to be constructed in the coming year, and the total acres for post-closure funds. A cost estimate for Closure/Post-Closure must be submitted to the Department along with the acreage verification.
7. If a significant change occurs at International Paper Company, i.e., if your process alters the characteristics of an approved waste stream, a revised disposal request must be submitted for the Department's approval. International Paper Company must notify the Environmental Quality Manager in DHEC's Pee Dee Region EQC Office, at (843) 238-4378, of any significant change.
8. Prior to waste disposal in the lateral expansion landfill, a cell certification report must be submitted and approved by the Department.

B. ENVIRONMENTAL MONITORING CONDITIONS

1. Groundwater Detection Monitoring System
  - a. The Permittee shall maintain a groundwater detection monitoring system for the landfill consistent with the most recently approved Groundwater Detection Monitoring Plan and as required in R.61-107.19, Part IV, Section E.2. The groundwater detection monitoring system shall consist of monitoring wells as designated in the most recently approved Groundwater Detection Monitoring Plan and any other monitoring wells specified by the Department. Modifications to the current groundwater detection monitoring system shall be in accordance with the requirements of R.61-107.19, Part IV, Section E.2.

- b. The Permittee shall perform all groundwater sampling activities of the landfill in accordance with the most recently approved Groundwater Detection Monitoring Plan and the requirements of R.61-107.19, Part IV, Section E along with any subsequent modifications deemed necessary by the Department to uphold the intent of this permit.
  - c. The Permittee shall evaluate analytical results in accordance with the most recently approved Groundwater Detection Monitoring Plan and any subsequent modifications required by the Department.
  - d. The Permittee must determine during each sampling event the groundwater elevation in each well relative to mean sea level (MSL) to the nearest hundredth of a foot. All elevations should be determined on the same day. The Permittee shall determine the total depth of each well on an annual basis.
  - e. Groundwater samples shall be analyzed by a laboratory certified by the State of South Carolina.
2. Assessment of Groundwater Impact
  - a. If the Permittee determines that a groundwater protection standard has been exceeded for one or more constituents during routine monitoring at any monitoring well at the relevant point of compliance as listed in Appendix III of R.61-107.19, then the Permittee shall perform any necessary groundwater assessment actions in accordance with the requirements of R.61-107.19, Part IV, Section E.2.f.
3. Landfill Gas Monitoring
  - a. The Permittee shall operate and maintain the methane monitoring system so that it performs to the design specifications throughout the life of the monitoring program and is consistent with the most recently approved Methane Monitoring Plan as provisioned by R.61-107.19, Part IV, Section C.21. Methane monitoring shall be conducted in accordance with the most recently approved Methane Monitoring Plan, and the results shall be submitted in the Semiannual and Annual Groundwater Monitoring Reports referenced in permit condition B.4.a. If methane gas levels are detected at levels that exceed the lower explosive limit at the property boundary or 25% of the lower explosive limit in facility structures, the Permittee shall immediately ensure protection of human health and within 30 days of detection, submit a Methane Remediation Plan to the Department.
4. Reporting
  - a. The Permittee shall submit to the Department on a semiannual basis, a properly bound report of findings (one paper/one electronic copy), in accordance with the following schedule:

<u>Sampling Schedule</u>	<u>Report Due</u>
No more than 60 days prior to report submittal date	November 15 (Semiannual) May 15 (Annual Report)

It is preferable for the paper copy to contain two-sided copies for text, analytical data (laboratory and tabular format), field measurements, etc. The semiannual report should contain a brief narrative of activities performed and their findings. The report should include a site figure(s) that clearly depicts the location and identity of all existing monitoring wells, and on-site structures. A comprehensive annual report shall be submitted that meets at a minimum the requirements set forth in Section E.1.h. A Professional Engineer or Geologist registered in the State of South Carolina must sign and seal the report. In addition, the report(s) shall also make a determination as to whether the monitoring well network continues to meet requirements of Permit Condition B.1.a.
  - b. The reports shall be submitted to the SCDHEC Bureau of Land and Waste Management, Division of Mining and Solid Waste, Solid Waste Groundwater Section. In accordance with


R.61-107.19 Part IV. Subpart C.16.d, the Facility is responsible for retaining records for no less than three years as part of the operating record, and should be able to provide them to the Department in a reasonable amount of time.



Catherine E. Heigel, Director

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TO: Area Landowners and Interested Parties

FROM: Joan Litton, Manager   
South Carolina Department of Health and Environmental Control (SCDHEC)  
Mining and Solid Waste Permitting Section

DATE: August 7, 2015

RE: Draft Permit for the Proposed Landfill Expansion of the International Paper Georgetown  
Class 2 Landfill  
Permit # 222435-1601  
Georgetown County

You are being sent this notification of the proposed landfill expansion for the International Paper Georgetown Class 2 Landfill because you either own property near the landfill or we felt you may have an interest in the expansion at the landfill. This letter is the Department's notification about our permitting process.

SCDHEC has received a permit request from International Paper Georgetown for an expansion at the Class Two Landfill located at 700 South Kaminski Street, Georgetown, SC. Based on review of the permit application and supporting documentation submitted, the Department is issuing the draft landfill permit that would increase the landfill footprint by 16 acres. Please see the attached public notice and draft permit for more detailed information. You can also view the permit application at the following website:  
<http://www.scdhec.gov/PublicNotices/Land/>

SCDHEC is seeking comments on the draft permit for the proposed landfill expansion. All comments should be received no later than 5:00 PM on September 8, 2015. The Public Notice of the draft permit will be published in the Friday, August 7, 2015 edition of the "Georgetown Times" newspaper. If you have any questions, comments, or need clarification on any information regarding the draft permit, please contact:

Mr. John Schnabel, Project Manager  
Solid Waste Permitting Section  
SCDHEC-BLWM  
2600 Bull Street  
(803) 898-1363  
[schnabjj@dhec.sc.gov](mailto:schnabjj@dhec.sc.gov)

If no comments or additional information is received regarding the draft permit during the thirty-day comment period, SCDHEC may issue a final permit for the proposed landfill expansion.

PUBLIC NOTICE OF DRAFT PERMIT  
DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL  
BUREAU OF LAND AND WASTE MANAGEMENT

Topic: Proposed Landfill Expansion for International Paper Georgetown Class 2 Landfill  
Permit # 222435-1601  
700 South Kaminski Street, Georgetown, SC 29440-4708

The South Carolina Department of Health and Environmental Control (Department) is noticing a draft permit for an expansion at the International Paper Georgetown Class 2 Landfill. The proposed expansion increases the landfill footprint by 16 acres. A copy of the regulation may be viewed at: <http://www.scdhec.gov/environment/lwm/regs/R61-107-19.pdf>

A draft permit has been prepared for public comment and can be viewed at the Department office or online at <http://www.scdhec.gov/PublicNotices/Land/>. During the public notice period, the Department will receive comments concerning the draft permit. If there is a significant amount of public interest, SCDHEC will hold a public hearing to receive additional comments. All comments and requests for a Public Hearing should be made in writing or via e-mail to the contact listed below no later than September 8, 2015.

SC Department of Health and Environmental Control  
Attn: John Schnabel, PE  
2600 Bull Street  
Columbia, SC 29201  
Phone: (803) 898-1363  
E-mail: [schnabjj@dhec.sc.gov](mailto:schnabjj@dhec.sc.gov)




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**INTEROFFICE MEMO**

TO: John Schnabel  
Solid Waste Permitting

FROM: Pete Stevens   
Solid Waste Groundwater

RE: Financial Assurance Update  
International Paper - Georgetown Mill  
Facility ID # 222435-1601  
Georgetown County

DATE: July 29, 2015

The Department is in receipt of updated financial assurance in the amount of \$2,552,756 for the closure and post-closure care (\$1,083,433 and \$1,469,323, respectively) of the International Paper Class 2 Landfill in Georgetown County.

International Paper has provided a corporate financial test to demonstrate compliance with the solid waste financial assurance requirements.

If you have any questions please let me know.

cc: Joan Litton, SW Permitting  
Tom Knight, SW Groundwater  
Larry Leblang, SW Groundwater